

SCOPE OF WORK:

ARCHER CONSTRUCTION WILL MODIFY THE EXISTING FIRE SPRINKLER SYSTEM TO ACCOMMODATE THE NEW TI OFFICE WALLS AND CEILINGS.

CLARIFICATIONS:

1. ALL AREAS PROTECTED BY A WET SYSTEM MUST BE MAINTAINED AT A MINIMUM OF 40°F (BY OTHERS) IN ORDER TO PREVENT THE PIPE FROM FREEZING.

EXCLUSIONS:

1. TAXES OF ANY TYPE.
2. ELECTRICAL OF ANY TYPE.
3. UNDERGROUND PIPING OF ANY TYPE.
4. STRUCTURAL VERIFICATION & ABATEMENT OF ANY TYPE.
5. LABELING, PREP FOR & PRIMING OR PAINTING OF ANY TYPE.
6. RELOCATION OF PIPE FOR WORK OF OTHER TRADES.
7. NO MODIFICATIONS OR ALTERATION TO THE EXISTING FIRE SPRINKLER SYSTEM PIPING, HANGERS/SUPPORTS AND EARTH QUAKE BRACING (EXCEPT AS SHOWN).

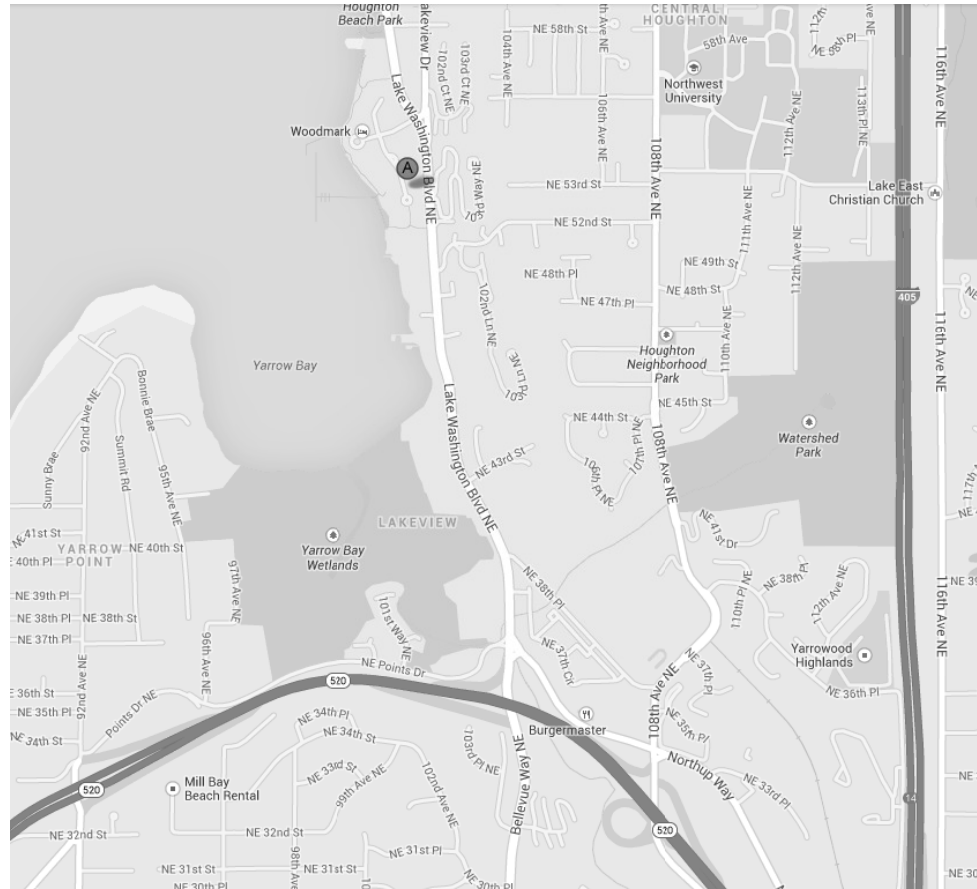
DESIGN CRITERIA:

PER NFPA 13 (2010) & THE CITY OF KIRKLAND

EXISTING:  
OFFICE - LIGHT HAZARD

NEW:  
OFFICE - LIGHT HAZARD

THE DESIGN CRITERIA IS LESS THAN OR EQUAL TO THE PREVIOUS OCCUPANT THUS NEW HYDRAULIC CALCULATIONS ARE NOT NECESSARY.



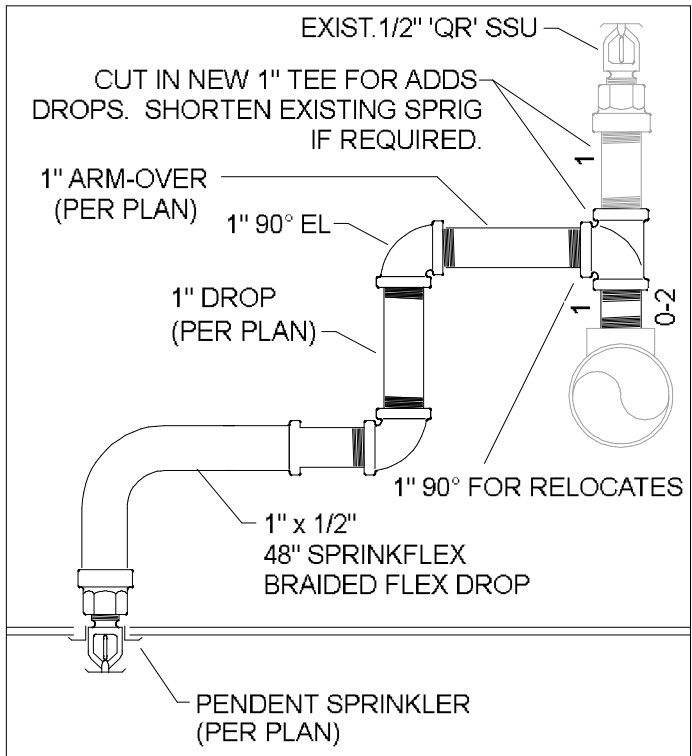
VICINITY MAP  
SCALE: NO SCALE

LISTER / FITTER NOTES:

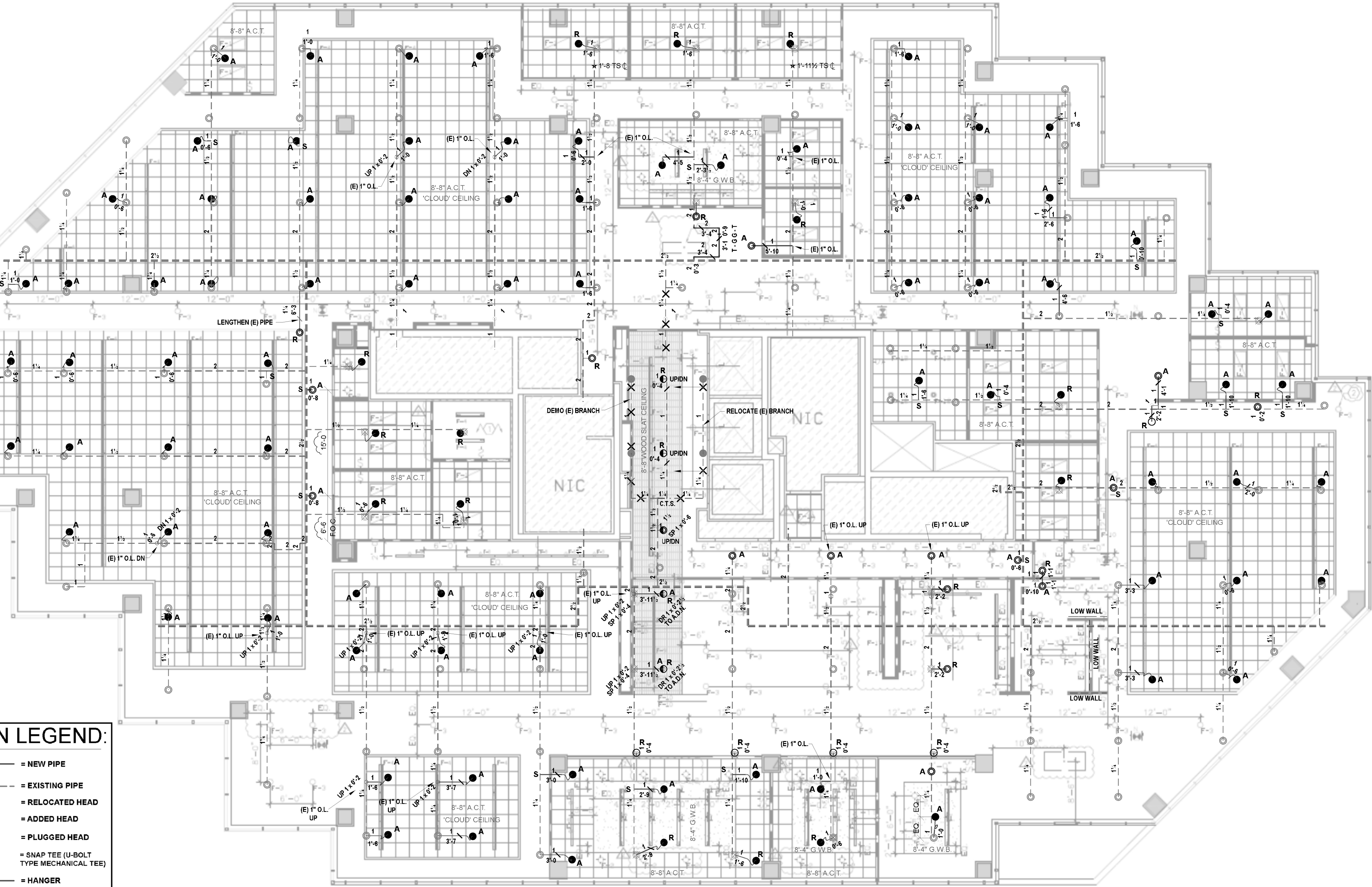
- 1) NEW PIPING TO BE SCH. 40 BLACK AND JOINED WITH DUCTILE IRON THREADED FITTINGS AND COUPLINGS.
- 2) NEW HANGERS TO BE TYPE 'F' (U.N.O.)
- 3) NEW DROPS TO GRID CEILINGS TO BE CUTTERED IN 2" X 2" TILES USING SPRINKLEX 1" X 1/2" 40' BRAIDED FLEXIBLE SPRINKLER DROP
- 4) NEW DROPS TO GWS CEILINGS TO USE FLEX HEAD 1" X 1/2" 36" BRAIDED FLEX DROP AND BE COORDINATED IN FIELD.
- 5) NEW DROPS TO WOOD SLAT CEILING TO BE HARD PIPED OR USE MERIT 1" X 1/2" ADJUSTABLE DROP NIPPLE AND BE COORDINATED IN FIELD.
- 6) UPRIGHT PROTECTION NOT REQUIRED TO BE MAINTAINED IN NON-COMBUSTIBLE CEILING VOID SPACES ABOVE CEILINGS. UPRIGHT PROTECTION IS REQUIRED ABOVE CLOUD CEILINGS.



SITE / KEY PLAN  
SCALE: NO SCALE

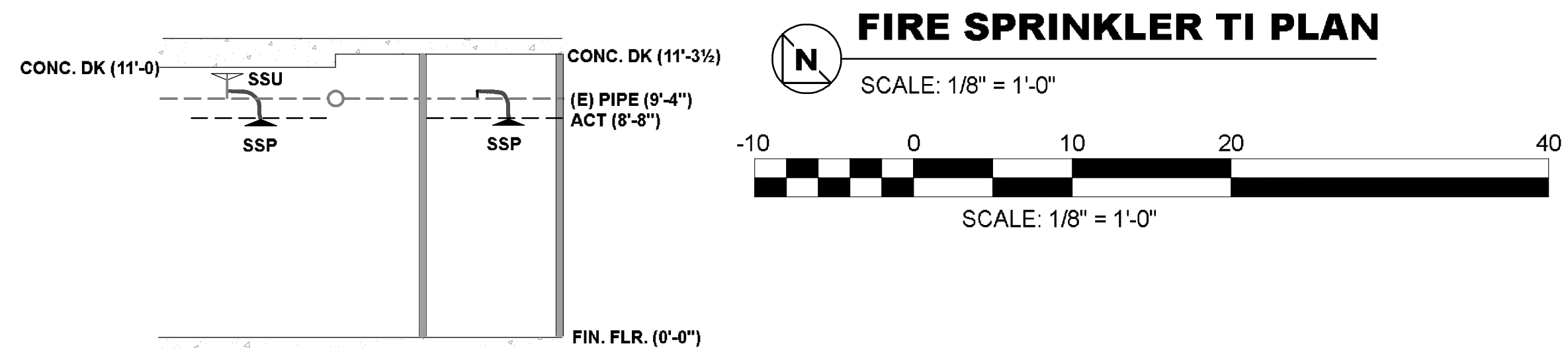


NEW FLEX FROM SPRIG



PLAN LEGEND:

6	= NEW PIPE
8	= EXISTING PIPE
R	= RELOCATED HEAD
A	= ADDED HEAD
P	= PLUGGED HEAD
S	= SNAP TEE (U-BOLT TYPE MECHANICAL TEE)
—	= HANGER



BUILDING SECTION

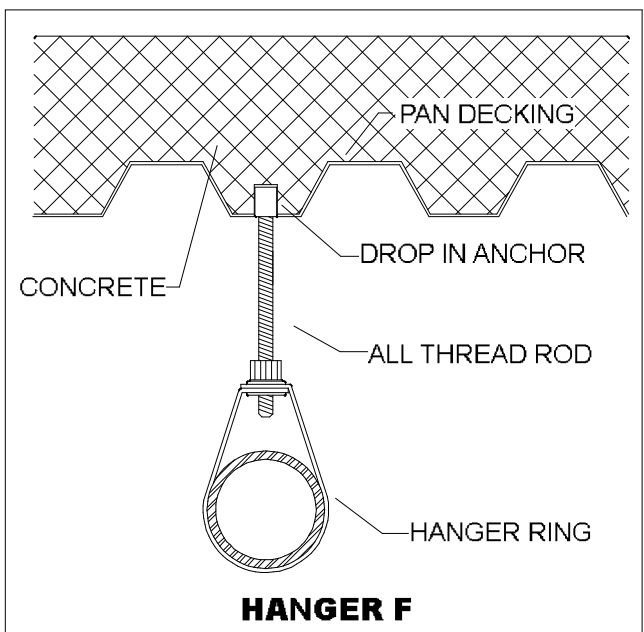
SCALE: N.T.S.

REVISIONS	HANGERS	HYDRAULIC DESIGN INFORMATION	ABBREVIATIONS	WATERFLOW INFORMATION
DATE	DESCRIPTION	BY		
	A	BEAM CLAMP W/ RETAINING STRAP		
	B	SIDE BEAM BRACKET		
	C	EYE SOCKET		
	D	W/ 6 PLATE WASHER		
	E	KWIK BOLT		
	F	HDI-P		
	G	SAMMY SIDEWINDER		
	H	SAMMY SUPER SCREW		
	I	COACH SCREW ROD		
	J	CEILING FLANGE		
	K	U-HOOK		
	L	SHORT STRAP		
	M	WALL BRACKET		
	N	TRAPEZE		
	O			
	P			
	Q			
	R			

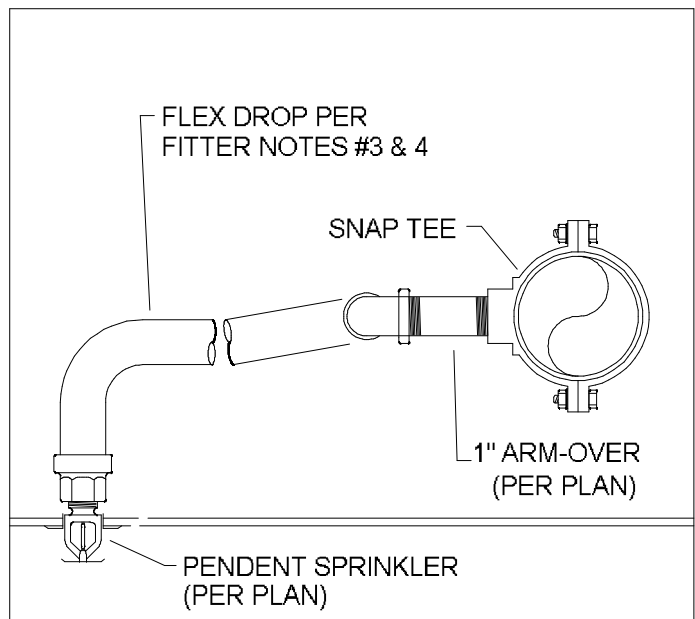
AREA NUMBER	CODE	HAZARD	SYSTEM TYPE	AREA PER SPRINKLER
REMOTE	DENSITY	INSIDE HOSE ALLOWANCE	OUTSIDE HOSE ALLOWANCE	
SO. FT.				
TOTAL SYSTEM REQUIREMENT IS:				

AREA NUMBER	CODE	HAZARD	SYSTEM TYPE	AREA PER SPRINKLER
REMOTE	DENSITY	INSIDE HOSE ALLOWANCE	OUTSIDE HOSE ALLOWANCE	
SO. FT.				
TOTAL SYSTEM REQUIREMENT IS:				

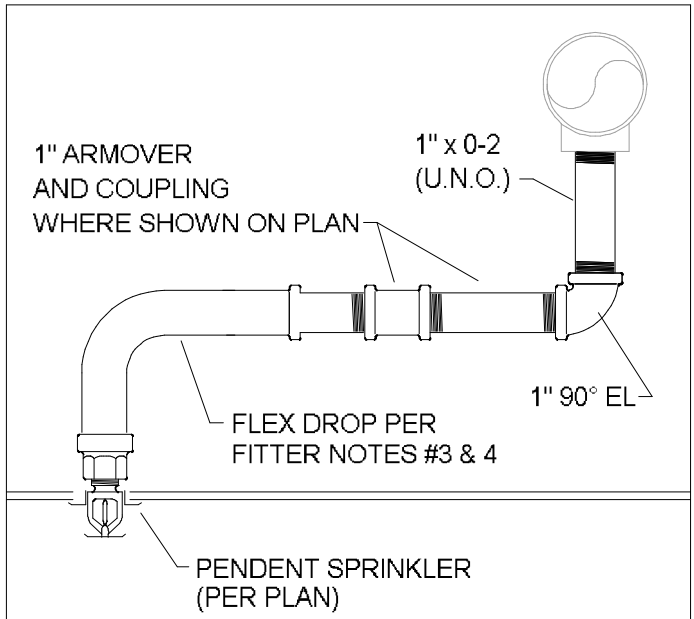
★ FF (CENTERLINE OF PIPE) ABOVE FINISHED FLOOR	XXX PSI
★ BB (BOTTOM OF BEAM)	XX PSI
★ TB (TOP OF BEAM)	XXXX GPM
★ TS (TOP OF STEEL / BOTTOM OF DECK)	
CTS (CUT TO SUIT)	
FO (FIELD ORDER)	
IFOW (INSIDE FACE OF WALL)	
OFOW (OUTSIDE FACE OF WALL)	
NAS (NO AUTO. SPRINKLERS)	
UNO (UNLESS NOTED OTHERWISE)	
— (RIGID COUPLING)	
— (FLEXIBLE COUPLING)	



HANGER F  
HDI-P



NEW FLEX FROM SADDLE



NEW FLEX FROM (E) PLUG

**ARCHER**  
CONSTRUCTION, INC.

FIRE SPRINKLER DIVISION  
7855 S 206TH STREET, KENT, WA 98032  
PHONE 253-872-7222 FAX 253-872-7277

GoDaddy @ Carillon Pt. B3000  
3300 CARILLON PT  
Kirkland, WA 98033

CONTRACT W/ : TCL PARTNERS  
SITE CONTACT: Adam Emiliusen  
PHONE: (425) 330-2269

FIRE SPRINKLER PLAN
PERMIT NO. -
JOB NO: S15-29
AUTHORITY: CITY OF KIRKLAND
DESIGNER: TED QUEEN
SCALE: VARIES
DATE: 3-3-15
REVISED / /
PLOTTED / /
FP 1 OF 1